

July 13, 2020

DVP-200017

Director, Air Management Division Attention: A-3-3 U.S. Environmental Protection Agency 75 Hawthorne Street San Francisco, California 94105-3901

Subject: Desert View Power 2nd Quarter, Quarterly Emission Report for 2020.

RE:

A-3-1

NSR 4-4-11

SE 87-01

Dear Sir:

In compliance with our permit, enclosed are the following:

- 1) 2nd Quarter, Quarterly Emissions Report for 2020 for Desert View Power
  - Emissions summary reports for each permitted pollutant for our two boilers.
  - Excess emissions reports from each of our two CEMS.

This report covers the period from April 01, 2020 to June 30, 2020. If you have questions of comments, please feel free to call me at (760) 262-1653.

Sincerely

Jim Robertson

Plant Manager



#### **Enclosure**

cc: Chief, Stationary Source Division

California Air Resources Board

P.O. Box 2815

Sacramento, CA 95814

**Air Pollution Control Officer** 

Attention: Mr. David Jones, AQAC Supervisor

South Coast Air Quality Management District

21865 E. Copley Drive

Diamond Bar, CA 91765-4182

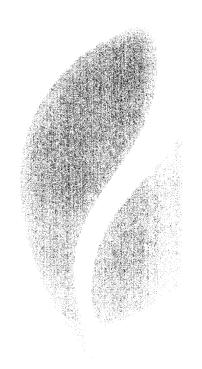
Air Division Director

**U.S. Environmental Protection Agency** 

Attention: AIR-5

75 Hawthorne Street

San Francisco, California 94105-3901



# EMISSIONS SUMMARIES

### BOILER #1

CO lb/hr

CO ppm

NOx lb/MMBtu

NOx lb/hr

NOx ppm

SOx lb/MMBtu.

SOx Ib/hr

SOx ppm

Opacity

Desert View Power 62-300 Gene Welmas Drive Mecca, CA 92254

Reporting period dates: From April 1,2020 to June 30,2020

Pollutant: CO

Emissions limitation(s): 13 lbs/hr.

Monitor Manufacturer and Model No.: CAI

ZRE/A3F4992T

Date of last CMS certification or audit: Emissions Performance

Test on

June 3, 2020

Process unit(s) Description: Woodwaste/petroleum coke fired

> power plant. Two steam generating

boilers.

Unit No. Reported: Boiler #1

Total source operating time in reporting period: 1702.0 hr Emission Summary<sup>1</sup>

1. Duration of excess emissions in reporting period due to:

Startup/Shutdown:

0.0 hr

b. Control equipment problems:

0.0 hr 0.0 hr

Process problems:

0.0 hr

Other known problems: e. Unknown problems:

0.0 hr

2. Total duration of excess emissions: 0.0 hr

Total duration of excess emissions / Total source operating 3. time x 100% = % of Total source operating time = 0.00% 2

#### CMS Performance Summary<sup>1</sup>

1. CMS downtime in reporting period due to:

Monitor equipment malfunction:

0.0 hr

Non-monitor equipment malfunction: b. 0.0 hr c. Quality assurance calibration:

0.0 hr

d. Other known causes:

e. Unknown causes: 55.0 hr

0.0 hr

Total CMS downtime: 2.

a.

55.0 hr

(Total CMS downtime) / (Total source operating time) x (100%) = % of Total source operating time = 3.23% <sup>2</sup>

For opacity, record all times in minutes. For gases, record all times in hours.

For the reporting period: If the total duration of excess emissions is 1 percent or greater of the total operating time or the total CMS downtime is 5 percent or greater of the total operating time, both the summary report form and the excess emission report described in 60.7(c) shall be submitted.

Desert View Power 62-300 Gene Welmas Drive Mecca, CA 92254

Reporting period dates: From April 1,2020 to June 30,2020

Pollutant: CO

Emissions limitation(s): 231 ppm @  $3\% O_2$ .

Monitor Manufacturer and Model No.: CAI

ZRE/A3F4992T

Date of last CMS certification or audit: Emissions Performance

Test on June 3, 2020

Process unit(s) Description: Woodwaste/petroleum coke fired

power plant. Two steam generating

boilers.

Unit No. Reported: Boiler #1

Total source operating time in reporting period: 1702.0 hr

Emission Summarv<sup>1</sup>

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7	Duration	$\sim$ $\epsilon$		emissions	·			-1	
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_ •	2 a 2 a 2 1 0 1 1	O T	C22CC55			TCDOTCTIIG	DETTOU	uue	LU.

a. Startup/Shutdown:

b. Control equipment problems:
c. Process problems:
d. Other known problems:

0.0 hr
0.0 hr

e. Unknown problems: 0.0 hr 2. Total duration of excess emissions: 0.0 hr

Total duration of excess emissions / Total source operating time x 100% = % of Total source operating time = 0.0% 2

- 1. CMS downtime in reporting period due to:
  - a. Monitor equipment malfunction: 0.0 hr b. Non-monitor equipment malfunction: 0.0 hr
  - c. Quality assurance calibration: 0.0 hr
  - d. Other known causes: 56.0 hr
- e. Unknown causes: 0.0 hr
  2. Total CMS downtime: 56.0 hr
- 3. (Total CMS downtime) / (Total source operating time) x (100%) = % of Total source operating time = 3.29% <sup>2</sup>
  - For opacity, record all times in minutes. For gases, record all times in hours.
     For the reporting period: If the total duration of excess emissions is 1 percent or greater of the total operating time or the total CMS downtime is 5 percent or greater of the total operating time, both the summary report form and the excess emission report described in '60.7(c) shall be submitted.

Desert View Power 62-300 Gene Welmas Drive Mecca, CA 92254

Reporting period dates: From April 1,2020 to June 30,2020

Pollutant: NO<sub>x</sub>

Emissions limitation(s): 0.30 lb / Million BTU

Monitor Manufacturer and Model No.: CAI

ZRE/A3F4992T

Date of last CMS certification or audit: Emissions Performance

Test on June 3, 2020

Process unit(s) Description: Woodwaste/petroleum coke fired

power plant. Two steam generating

boilers.

Unit No. Reported: Boiler #1

Total source operating time in reporting period: 1702.0 hr

Emission Summary<sup>1</sup>

⊥.	Durat	ion of excess	emissions in	reporting per	riod due	to:
	a.	Startup/Shutdo	wn:	0.0		
	b.	Control equipm	ent problems	: 0.0	hr	
	C.	Process proble	ms:	0.0	hr	

d. Other known problems:
0.0 hr

e. Unknown problems: 0.0 hr 2. Total duration of excess emissions: 0.0 hr

3. Total duration of excess emissions / Total source operating time x 100% = % of Total source operating time = 0.0% 2

- 1. CMS downtime in reporting period due to:
  - a. Monitor equipment malfunction: 0.0 hr
  - b. Non-monitor equipment malfunction: 0.0 hr
  - c. Quality assurance calibration: 0.0 hr
  - d. Other known causes: 56.0 hr
  - e. Unknown causes: 0.0 hr
- 2. Total CMS downtime: 56.0 hr
- 3. (Total CMS downtime) / (Total source operating time) x (100%) = % of Total source operating time = 3.29 % <sup>2</sup>
  - For opacity, record all times in minutes. For gases, record all times in hours.
     For the reporting period: If the total duration of excess emissions is 1 percent or greater of the total operating time or the total CMS downtime is 5 percent or greater of the total operating time, both the summary report form and the excess emission report described in '60.7(c) shall be submitted.

Desert View Power 62-300 Gene Welmas Drive Mecca, CA 92254

Reporting period dates: From April 1,2020 to June 30,2020

Pollutant: NO<sub>x</sub>

2.

Emissions limitation(s): 30 lb/hr

Monitor Manufacturer and Model No.: CAI

ZRE/A3F4992T

Date of last CMS certification or audit: Emissions Performance

Test on June 3, 2020

Process unit(s) Description: Woodwaste/petroleum coke fired

power plant. Two steam generating

0.0 hr

boilers.

Unit No. Reported: Boiler #1

Total source operating time in reporting period: 1702.0 hr

Emission Summary<sup>1</sup>

1.	Duration	ΟÍ	excess	emissions	in	reporting	period	due	to:
----	----------	----	--------	-----------	----	-----------	--------	-----	-----

- a. Startup/Shutdown:

  b. Control equipment problems:

  c. Process problems:

  d. Other known problems:

  e. Unknown problems:

  0.0 hr

  0.0 hr
- 3. Total duration of excess emissions / Total source operating time x 100% = % of Total source operating time = 0.00% <sup>2</sup>

#### CMS Performance Summary<sup>1</sup>

1. CMS downtime in reporting period due to:

Total duration of excess emissions:

- a. Monitor equipment malfunction: 0.0 hrb. Non-monitor equipment malfunction: 0.0 hr
- c. Quality assurance calibration: 0.0 hr
- d. Other known causes: 56.0 hr
- e. Unknown causes: 0.0 hr
  2. Total CMS downtime: 56.0 hr
- 3. (Total CMS downtime) / (Total source operating time) x (100%) = % of Total source operating time = 3.29% <sup>2</sup>
  - For opacity, record all times in minutes. For gases, record all times in hours.
     For the reporting period: If the total duration of excess emissions is 1 percent or greater of the total operating time or the total CMS downtime is 5 percent or greater of the total operating time, both the summary report form and the excess emission report described in '60.7(c) shall be submitted.

Desert View Power 62-300 Gene Welmas Drive Mecca, CA 92254

Reporting period dates: From April 1,2020 to June 30,2020

Pollutant: NO<sub>\*</sub>

Emissions limitation(s): 94 ppm @ 3%  $O_2$ .

Monitor Manufacturer and Model No.: CAI

ZRE/A3F4992T

Date of last CMS certification or audit: Emissions Performance

Test on

June 3, 2020

Process unit(s) Description: Woodwaste/petroleum coke fired

power plant. Two steam generating

boilers.

Unit No. Reported: Boiler #1

Total source operating time in reporting period: 1702.0 hr

Emission Summary<sup>1</sup>

1. Duration of excess emissions in reporting period du	to:
--	-----

- a. Startup/Shutdown:

  b. Control equipment problems:

  c. Process problems:

  d. Other known problems:

  e. Unknown problems:

  0.0 hr

  0.0 hr
- 2. Total duration of excess emissions: 0.0 hr
- 3. Total duration of excess emissions / Total source operating time x 100% = % of Total source operating time = 0.00% <sup>2</sup>

- 1. CMS downtime in reporting period due to:
  - a. Monitor equipment malfunction: 0.0 hr
  - b. Non-monitor equipment malfunction: 0.0 hrc. Quality assurance calibration: 0.0 hr
  - d. Other known causes: 57.0 hr
- e. Unknown causes: 0.0 hr 2. Total CMS downtime: 57.0 hr
- 3. (Total CMS downtime) / (Total source operating time) x (100%) = % of Total source operating time =3.35% <sup>2</sup>
  - For opacity, record all times in minutes. For gases, record all times in hours.
     For the reporting period: If the total duration of excess emissions is 1 percent or greater of the total operating time or the total CMS downtime is 5 percent or greater of the total operating time, both the summary report form and the excess emission report described in '60.7(c) shall be submitted.

Desert View Power 62-300 Gene Welmas Drive Mecca, CA 92254

Reporting period dates: From April 1,2020 to June 30,2020

Pollutant: Opacity

Emissions limitation(s): 10% 3-min period.

20% 6-min period.
Monitor Manufacturer and Model No.: CMS-CISCO Mod

anufacturer and Model No.: CMS-CISCO Model 10001330 Opacity-Monitor Labs Inc.

LightHawk 560

Date of last CMS certification or audit: Emissions Performance

Test on June 3,2020

Process unit(s) Description: Woodwaste/petroleum coke fired

power plant. Two steam generating

boilers.

Unit No. Reported: Boiler #1

Total source operating time in reporting period: 1702.0 hr or

102,120 minutes

#### Emission Summary<sup>1</sup>

- 1. Duration of excess emissions in reporting period due to:
  - a. Startup/Shutdown:

0 min

b. Control equipment problems:

0 min

c. Process problems:
d. Other known problems:

0 min

e. Unknown problems:

0 min

2. Total duration of excess emissions:

0 min

Total duration of excess emissions / Total source operating time x 100% = % of Total source operating time = 0.0% 2

#### CMS Performance Summary<sup>1</sup>

- 1. CMS downtime in reporting period due to:
  - a. Monitor equipment malfunction:

0 min

b. Non-monitor equipment malfunction:

0 min

c. Quality assurance calibration:

0 min 1086 min

d. Other known causes:e. Unknown causes:

0 min

2. Total CMS downtime:

1086 min

- 3. (Total CMS downtime) / (Total source operating time) x (100%) = % of Total source operating time = 1.635% <sup>2</sup>
  - For opacity, record all times in minutes. For gases, record all times in hours.
     For the reporting period: If the total duration of excess emissions is 1 percent or greater of the total operating time or the total CMS downtime is 5 percent or greater of the total operating time, both the summary report form and the excess emission report described in '60.7(c) shall be submitted.

Desert View Power 62-300 Gene Welmas Drive Mecca, CA 92254

Reporting period dates: From April 1,2020 to June 30,2020

Pollutant: SO<sub>x</sub>

Emissions limitation(s): 1.2 lb / Million BTU

Monitor Manufacturer and Model No.: CAI

ZRE/A3F4992T

Date of last CMS certification or audit: Emissions Performance

Test on June 3,2020

Process unit(s) Description: Woodwaste/petroleum coke fired

power plant. Two steam generating

boilers.

Unit No. Reported: Boiler #1

Total source operating time in reporting period: 1702.0 hr

Emission Summary<sup>1</sup>

⊥.	Duration	οf	excess	emissions	in	reporting	period	due	to:
			o/Shutdo				) O hr		

b. Control equipment problems:

c. Process problems:

d. Other known problems:

0.0 hr

0.0 hr

0.0 hr

e. Unknown problems: 0.0 hr 2. Total duration of excess emissions: 0.0 hr

3. Total duration of excess emissions / Total source operating time x 100% = % of Total source operating time = 0.0% 2

#### CMS Performance Summary<sup>1</sup>

1. CMS downtime in reporting period due to:

a. Monitor equipment malfunction: 0.0 hr b. Non-monitor equipment malfunction: 0.0 hr c. Quality assurance calibration: 0.0 hr d. Other known causes: 56.0 hr e. Unknown causes: 0.0 hr

2. Total CMS downtime: 56.0 hr

3. (Total CMS downtime) / (Total source operating time) x (100%) = % of Total source operating time = 3.29% <sup>2</sup>

For opacity, record all times in minutes. For gases, record all times in hours.
 For the reporting period: If the total duration of excess emissions is 1 percent or greater of the total operating time or the total CMS downtime is 5 percent or greater of the total operating time, both the summary report form and the excess emission report described in '60.7(c) shall be submitted.

Desert View Power 62-300 Gene Welmas Drive Mecca, CA 92254

Reporting period dates: From April 1,2020 to June 30,2020

Pollutant: SO<sub>\*</sub>

Emissions limitation(s): 12 lb/hr.

Monitor Manufacturer and Model No.: CAI

ZRE/A3F4992T

Date of last CMS certification or audit: Emissions Performance

Test on

June 3, 2020

Process unit(s) Description: Woodwaste/petroleum coke fired

power plant. Two steam generating

boilers.

Unit No. Reported: Boiler #1

Total source operating time in reporting period: 1702.0 hr

Emission Summary<sup>1</sup>

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1.	Dura	tion of excess	emissions i	n reporting pe	riod due to:
	a.	Startup/Shutdo	wn:	0.0	hr
	b.	Control equipme	ent problem	s: 0.0	hr
		Process problem		0.0	hr
	d.	Other known pro	oblems:	0.0	hr
	e.	Unknown problem	ms:	0.0	hr
$\sim$	- T				_

- 2. Total duration of excess emissions: 0.0 hr
- 3. Total duration of excess emissions / Total source operating time x 100% = % of Total source operating time = 0.00% <sup>2</sup>

- 1. CMS downtime in reporting period due to:
  - a. Monitor equipment malfunction: 0.0 hrb. Non-monitor equipment malfunction: 0.0 hr
  - c. Quality assurance calibration: 0.0 hr
  - d. Other known causes: 55.0 hr
- e. Unknown causes: 0.0 hr
- 2. Total CMS downtime: 55.0 hr
- 3. (Total CMS downtime) / (Total source operating time) x (100%) = % of Total source operating time = 3.23% <sup>2</sup>
  - For opacity, record all times in minutes. For gases, record all times in hours.
     For the reporting period: If the total duration of excess emissions is 1 percent or greater of the total operating time or the total CMS downtime is 5 percent or greater of the total operating time, both the summary report form and the excess emission report described in '60.7(c) shall be submitted.

Desert View Power 62-300 Gene Welmas Drive Mecca, CA 92254

Reporting period dates: From April 1,2020 to June 30,2020

Pollutant: SOx

Emissions limitation(s): 27 ppm @  $3\% O_2$ .

Monitor Manufacturer and Model No.: CAI

ZRE/A3F4992T

Date of last CMS certification or audit: Emissions Performance

Test on

June 3, 2020

Process unit(s) Description: Woodwaste/petroleum coke fired

power plant. Two steam generating

boilers.

Unit No. Reported: Boiler #1

Total source operating time in reporting period: 1702.0 hr

Emission Summary<sup>1</sup>

7	$D_{11} \times 2 + i \times 2$	~ ~			-			•	
⊥.	Duration	ΟŢ	excess	emissions	ın	reporting	period	due	to:

a. Startup/Shutdown:

b. Control equipment problems:

c. Process problems:

0.0 hr
0.0 hr

d. Other known problems:
0.0 hr
e. Unknown problems:
0.0 hr

2. Total duration of excess emissions: 0.0 hr

3. Total duration of excess emissions / Total source operating time x 100% = % of Total source operating time = 0.00% <sup>2</sup>

- 1. CMS downtime in reporting period due to:
  - a. Monitor equipment malfunction: 0.0 hr
  - b. Non-monitor equipment malfunction: 0.0 hr
  - c. Quality assurance calibration: 0.0 hr
  - d. Other known causes: 55.0 hr
- e. Unknown causes:

  7. Total CMS downtime:

  9.0 hr
  55.0 hr
- 3. (Total CMS downtime) / (Total source operating time) x (100%) = % of Total source operating time = 3.23% <sup>2</sup>
  - For opacity, record all times in minutes. For gases, record all times in hours.
     For the reporting period: If the total duration of excess emissions is 1 percent or greater of the total operating time or the total CMS downtime is 5 percent or greater of the total operating time, both the summary report form and the excess emission report described in '60.7(c) shall be submitted.

# EMISSIONS SUMMARIES BOILER#2

CO lb/hr

CO ppm

NOx lb/MMBtu

NOx lb/hr

NOxppm

SOxlb/MMBtu

SOxlb/hr

SOxppm

Opacity

Desert View Power 62-300 Gene Welmas Drive Mecca, CA 92254

Reporting period dates: From April 1,2020 to June 30,2020

Pollutant: CO

Emissions limitation(s): 13 lb/hr.

Monitor Manufacturer and Model No.: CAI

ZRE/A3F4993T

Date of last CMS certification or audit: Emissions Performance

Test on June 3,2020

Process unit(s) Description: Woodwaste/petroleum coke fired

power plant. Two steam generating

boilers.

Unit No. Reported: Boiler #2

Total source operating time in reporting period: 1870.0 hr Emission Summary<sup>1</sup>

- 1. Duration of excess emissions in reporting period due to:
  - a. Startup/Shutdown:

0.0 hr

- b. Control equipment problems:
- 0.0 hr

c. Process problems:

0.0 hr

d. Other known problems:

0.0 hr

e. Unknown problems:

- 0.0 hr
- Total duration of excess emissions:
- 0.0 hr
- 3. Total duration of excess emissions / Total source operating time x 100% = % of Total source operating time = 0.00%  $^2$

CMS Performance Summary<sup>1</sup>

- 1. CMS downtime in reporting period due to:
  - a. Monitor equipment malfunction:
- 0.0 hr
- b. Non-monitor equipment malfunction:
- 0.0 hr
- c. Quality assurance calibration:
- 0.0 hr

d. Other known causes:
e. Unknown causes:

50.0 hr 0.0 hr

2. Total CMS downtime:

- 50.0 hr
- 3. (Total CMS downtime) / (Total source operating time) x (100%) = % of Total source operating time = 2.67% <sup>2</sup>
  - 1. For opacity, record all times in minutes. For gases, record all times in hours.
    2. For the reporting period: If the total duration of excess emissions is 1 percent or greater
  - of the total operating time or the total duration of excess emissions is I percent or greater of the total operating time or the total CMS downtime is 5 percent or greater of the total operating time, both the summary report form and the excess emission report described in '60.7(c) shall be submitted.

Desert View Power 62-300 Gene Welmas Drive Mecca, CA 92254

Reporting period dates: April 1,2020 to June 30,2020

Pollutant: CO

Emissions limitation(s): 231 ppm @ 3% O<sub>2</sub>.

Monitor Manufacturer and Model No.: CAI

ZRE/A3F4993T

Date of last CMS certification or audit: Emissions Performance

Test on June 3,2020

Process unit(s) Description: Woodwaste/petroleum coke fired

power plant. Two steam generating

boilers.

Unit No. Reported: Boiler #2

Total source operating time in reporting period: 1870.0 hr

Emission Summary<sup>1</sup>

- 1. Duration of excess emissions in reporting period due to:
  - a. Startup/Shutdown:

0.0 hr

- b. Control equipment problems:
- 0.0 hr

c. Process problems:

0.0 hr 0.0 hr

d. Other known problems:

0.0 111

e. Unknown problems:

- 0.0 hr
- 2. Total duration of excess emissions:
- 0.0 hr
- Total duration of excess emissions / Total source operating time x 100% = % of Total source operating time = 0.00% <sup>2</sup>

#### CMS Performance Summary<sup>1</sup>

- 1. CMS downtime in reporting period due to:
  - a. Monitor equipment malfunction:
- 0.0 hr
- b. Non-monitor equipment malfunction:
- 0.0 hr
- c. Quality assurance calibration:
- 0.0 hr

d. Other known causes:
e. Unknown causes:

50.0 hr 0.0 hr

2. Total CMS downtime:

- 50.0 hr
- 3. (Total CMS downtime) / (Total source operating time) x (100%) = % of Total source operating time = 2.67% <sup>2</sup>
  - For opacity, record all times in minutes. For gases, record all times in hours.
     For the reporting period: If the total duration of excess emissions is 1 percent or greater of the total operating time or the total CMS downtime is 5 percent or greater of the total operating time, both the summary report form and the excess emission report described in '60.7(c) shall be submitted.

Desert View Power 62-300 Gene Welmas Drive Mecca, CA 92254

Reporting period dates: From April 1,2020 to June 30,2020

Pollutant: NOx

Emissions limitation(s): 0.30 lb / Million BTU

Monitor Manufacturer and Model No.: CAI

ZRE/A3F4993T

Date of last CMS certification or audit: Emissions Performance

Test on June 3,2020

Process unit(s) Description: Woodwaste/petroleum coke fired

power plant. Two steam generating

boilers.

Unit No. Reported: Boiler #2

Total source operating time in reporting period: 1870.0 hr

Emission Summary<sup>1</sup>

1.	Duration	ΟÍ	excess	emissions	in	reporting	period	due	to:
----	----------	----	--------	-----------	----	-----------	--------	-----	-----

- a. Startup/Shutdown:

  b. Control equipment problems:

  c. Process problems:

  d. Other known problems:

  e. Unknown problems:

  0.0 hr

  0.0 hr
- 2. Total duration of excess emissions: 0.0 hr
- 3. Total duration of excess emissions / Total source operating time x 100% = % of Total source operating time = 0.0% <sup>2</sup>

- 1. CMS downtime in reporting period due to:
  - a. Monitor equipment malfunction: 0.0 hrb. Non-monitor equipment malfunction: 0.0 hr
  - c. Quality assurance calibration: 0.0 hr
  - d. Other known causes: 50.0 hr
- e. Unknown causes: 0.0 hr 2. Total CMS downtime: 50.0 hr
- 3. (Total CMS downtime) / (Total source operating time) x (100%) = % of Total source operating time = 2.67% <sup>2</sup>
  - For opacity, record all times in minutes. For gases, record all times in hours.
     For the reporting period: If the total duration of excess emissions is 1 percent or greater of the total operating time or the total CMS downtime is 5 percent or greater of the total operating time, both the summary report form and the excess emission report described in '60.7(c) shall be submitted.

Desert View Power 62-300 Gene Welmas Drive Mecca, CA 92254

Reporting period dates: April 1,2020 to June 30,2020

Pollutant: NO<sub>x</sub>

Emissions limitation(s): 30 lb/hr

Monitor Manufacturer and Model No.: CAI

ZRE/A3F4993T

Date of last CMS certification or audit: Emissions Performance

Test on

June 3, 2020

Process unit(s) Description: Woodwaste/petroleum coke fired

power plant. Two steam generating

boilers.

Unit No. Reported: Boiler #2

Total source operating time in reporting period: 1870.0 hr

Emission Summary<sup>1</sup>

 111111111111111111111111111111111111111	$\sim$ $\pm$	0320000	emissions	מיד	roporting	$n \cap r \cap \cap n$	7110	$\tau \circ \cdot$
	( )	PXCESS		7 1 1		116-1100	(1)17	1 () -

- a. Startup/Shutdown:

  b. Control equipment problems:

  c. Process problems:

  d. Other known problems:

  e. Unknown problems:

  0.0 hr

  0.0 hr
- 2. Total duration of excess emissions: 0.0 hr
- Total duration of excess emissions / Total source operating time x 100% = % of Total source operating time = 0.00% <sup>2</sup>

- 1. CMS downtime in reporting period due to:
  - a. Monitor equipment malfunction: 0.0 hr
    b. Non-monitor equipment malfunction: 0.0 hr
    c. Quality assurance calibration: 0.0 hr
    d. Other known causes: 50.0 hr
- e. Unknown causes: 0.0 hr
  2. Total CMS downtime: 50.0 hr
- 3. (Total CMS downtime) / (Total source operating time)  $\times$  (100%) = % of Total source operating time = 2.67% <sup>2</sup>
  - For opacity, record all times in minutes. For gases, record all times in hours.
     For the reporting period: If the total duration of excess emissions is 1 percent or greater of the total operating time or the total CMS downtime is 5 percent or greater of the total operating time, both the summary report form and the excess emission report described in '60.7(c) shall be submitted.

Desert View Power 62-300 Gene Welmas Drive Mecca, CA 92254

Reporting period dates: From April 1,2020 to June 30,2020

Pollutant: NO<sub>x</sub>

Emissions limitation(s): 94 ppm @ 3% O<sub>2</sub>.

Monitor Manufacturer and Model No.: CAI

ZRE/A3F4993T

Date of last CMS certification or audit: Emissions Performance

Test on

June 3, 2020

Process unit(s) Description: Woodwaste/petroleum coke fired

power plant. Two steam generating

boilers.

Unit No. Reported: Boiler #2

Total source operating time in reporting period: 1870.0 hr

Emission Summary<sup>1</sup>

1	1.	Duration	of	excess	emissions	in	reporting	period	due	to:
				4				-		

a. Startup/Shutdown: 0.0 hr b. Control equipment problems: 0.0 hr Process problems: C. 0.0 hr d. Other known problems: 0.0 hr

Unknown problems: 0.0 hr

Total duration of excess emissions: 0.0 hr

Total duration of excess emissions / Total source operating time x 100% = % of Total source operating time = 0.00%<sup>2</sup>

- 1. CMS downtime in reporting period due to:
  - Monitor equipment malfunction: a. 0.0 hr
  - b. Non-monitor equipment malfunction: 0.0 hr
  - c. Quality assurance calibration: 0.0 hr d.
  - Other known causes: 50.0 hr
- e. Unknown causes: 0.0 hr 2. Total CMS downtime: 50.0 hr
- (Total CMS downtime) / (Total source operating time) x (100%) = % of Total source operating time = 2.67% <sup>2</sup>
  - For opacity, record all times in minutes. For gases, record all times in hours. For the reporting period: If the total duration of excess emissions is 1 percent or greater of the total operating time or the total CMS downtime is 5 percent or greater of the total operating time, both the summary report form and the excess emission report described in '60.7(c) shall be submitted.

Desert View Power 62-300 Gene Welmas Drive Mecca, CA 92254

Reporting period dates: From April 1,2020 to June 30,2020

Pollutant: Opacity

Emissions limitation(s): 10% 3-min period. 20% 6-min period.

Monitor Manufacturer and Model No.: CMS-CISCO Model 10001330

Opacity-Monitor Labs Inc.

LightHawk 560

Date of last CMS certification or audit: Emissions Performance

Test on June 3, 2020

Process unit(s) Description: Woodwaste/petroleum coke fired

power plant. Two steam generating

boilers.

Unit No. Reported: Boiler #2

Total source operating time in reporting period: 1870.0 hr or 112,200 minutes

Emission Summary<sup>1</sup>

- 1. Duration of excess emissions in reporting period due to:
  - a. Startup/Shutdown:

0 min

- b. Control equipment problems:
  - 0 min

c. Process problems:

0 min

d. Other known problems:

0 min

e. Unknown problems:

- 0 min
- 2. Total duration of excess emissions:
- 0 min
- 3. Total duration of excess emissions / Total source operating time x 100% = % of Total source operating time = 0.0% 2

CMS Performance Summary<sup>1</sup>

- 1. CMS downtime in reporting period due to:
  - a. Monitor equipment malfunction:
- 0 min
- b. Non-monitor equipment malfunction:
- 0 min
- c. Quality assurance calibration:
- 0 min

d. Other known causes:e. Unknown causes:

1078.0 min 0 min

2. Total CMS downtime:

- 1078.0 min
- 3. (Total CMS downtime) / (Total source operating time) x
  - (100%) = % of Total source operating time = 0.9608% <sup>2</sup>

    1. For opacity, record all times in minutes. For gases, record all times in hours.

For opacity, record all times in minutes. For gases, record all times in hours.
 For the reporting period: If the total duration of excess emissions is 1 percent or greater of the total operating time or the total CMS downtime is 5 percent or greater of the total operating time, both the summary report form and the excess emission report described in '60.7(c) shall be submitted.

Desert View Power 62-300 Gene Welmas Drive Mecca, CA 92254

Reporting period dates: From April 1,2020 to June 30,2020

Pollutant:  $SO_{x}$ 

Emissions limitation(s): 1.2 lb / Million BTU

Monitor Manufacturer and Model No.:

ZRE/A3F4993T

Date of last CMS certification or audit: Emissions Performance

Test on

June 3, 2020

Process unit(s) Description: Woodwaste/petroleum coke fired

power plant. Two steam generating

boilers.

Unit No. Reported: Boiler #2

Total source operating time in reporting period: 1870.0 hr

#### Emission Summary<sup>1</sup>

- Duration of excess emissions in reporting period due to: 1.
  - Startup/Shutdown:

- 0.0 hr 0.0 hr
- Control equipment problems: b.

c. Process problems: d.

0.0 hr

Other known problems: Unknown problems:

0.0 hr

- 0.0 hr
- 2. Total duration of excess emissions:
- 0.0 hr
- 3. Total duration of excess emissions / Total source operating time x 100% = % of Total source operating time = 0.0%<sup>2</sup>

- 1. CMS downtime in reporting period due to:
  - a. Monitor equipment malfunction: 0.0 hr
  - b. Non-monitor equipment malfunction: 0.0 hr
  - c. Quality assurance calibration: 0.0 hr
  - d. Other known causes:
  - 50.0 hr Unknown causes: e.
- 2. Total CMS downtime:

- 0.0 hr 50.0 hr
- (Total CMS downtime) / (Total source operating time) x(100%) = % of Total source operating time = 2.67% <sup>2</sup>
  - For opacity, record all times in minutes. For gases, record all times in hours. For the reporting period: If the total duration of excess emissions is 1 percent or greater of the total operating time or the total CMS downtime is 5 percent or greater of the total operating time, both the summary report form and the excess emission report described in ' 60.7(c) shall be submitted.

Desert View Power 62-300 Gene Welmas Drive Mecca, CA 92254

Reporting period dates: From April 1,2020 to June 30,2020

Pollutant: SO<sub>x</sub>

Emissions limitation(s): 12 lb/hr.

Monitor Manufacturer and Model No.: CAI

ZRE/A3F4993T

Date of last CMS certification or audit: Emissions Performance

Test on June 3, 2020

Process unit(s) Description: Woodwaste/petroleum coke fired

power plant. Two steam generating

boilers.

Unit No. Reported: Boiler #2

Total source operating time in reporting period: 1870.0 hr

Emission Summary<sup>1</sup>

⊥.	Duration	ΟÍ	excess	emissions	in	reporting	period	due	to:
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- a. Startup/Shutdown:

  b. Control equipment problems:

  c. Process problems:

  d. Other known problems:

  e. Unknown problems:

  0.0 hr

  0.0 hr
- 2. Total duration of excess emissions: 0.0 hr
- 3. Total duration of excess emissions / Total source operating time x 100% = % of Total source operating time = 0.0% <sup>2</sup>

- 1. CMS downtime in reporting period due to:
  - a. Monitor equipment malfunction: 0.0 hr b. Non-monitor equipment malfunction: 0.0 hr
  - c. Quality assurance calibration: 0.0 hr
  - d. Other known causes: 50.0 hr
  - e. Unknown causes: 0.0 hr
- 2. Total CMS downtime: 50.0 hr
- 3. (Total CMS downtime) / (Total source operating time) x (100%) = % of Total source operating time = 2.67% <sup>2</sup>
  - For opacity, record all times in minutes. For gases, record all times in hours.
     For the reporting period: If the total duration of excess emissions is 1 percent or greater of the total operating time or the total CMS downtime is 5 percent or greater of the total operating time, both the summary report form and the excess emission report described in '60.7(c) shall be submitted.

Desert View Power 62-300 Gene Welmas Drive Mecca, CA 92254

Reporting period dates: From April 1,2020 to June 30,2020

Pollutant: SO<sub>v</sub>

Emissions limitation(s): 27 ppm @ 3% O₂.

Monitor Manufacturer and Model No.:

ZRE/A3F4993T

Date of last CMS certification or audit: Emissions Performance

Test on

June 3, 2020

Process unit(s) Description: Woodwaste/petroleum coke fired

power plant. Two steam generating

boilers.

Unit No. Reported: Boiler #2

Total source operating time in reporting period: 1870.0 hr

#### Emission Summary<sup>1</sup>

- 1. Duration of excess emissions in reporting period due to:
  - Startup/Shutdown:

0.0 hr

- Control equipment problems:
- 0.0 hr

Process problems: c.

0.0 hr

d. Other known problems: 0.0 hr

Unknown problems:

- 0.0 hr
- Total duration of excess emissions: 2.

- 0.0 hr
- Total duration of excess emissions / Total source operating time x 100% = % of Total source operating time = 0.0%<sup>2</sup>

#### CMS Performance Summary<sup>1</sup>

- 1. CMS downtime in reporting period due to:
  - Monitor equipment malfunction:
- 0.0 hr
- b. Non-monitor equipment malfunction:
- 0.0 hr
- Quality assurance calibration: C.
- 0.0 hr

d. Other known causes: Unknown causes:

50.0 hr

Total CMS downtime:

0.0 hr

2.

- 50.0 hr
- 3. (Total CMS downtime) / (Total source operating time) x (100%) = % of Total source operating time = 2.67% <sup>2</sup>
  - For opacity, record all times in minutes. For gases, record all times in hours. For the reporting period: If the total duration of excess emissions is 1 percent or greater of the total operating time or the total CMS downtime is 5 percent or greater of the total operating time, both the summary report form and the excess emission report described in ' 60.7(c) shall be submitted.

### EXCESS EMISSIONS REPORTS BOILER #1 CEMS

Colmac Energy
NOx ppm @3% O2 3-Hr Rolling Excess Emissions for 4/1/2020 thru 6/30/2020

Doromotor	0								
Parameter	Start	End	Duration	Value	Min	N 4	1.5 %	_	
			Buration	Value	IVIIII	Max	Limit	Reason	Action
									7100011

Colmac Energy

NOx lb/mmbtu 30 SOD Rlg Avg Excess Emissions for 4/1/2020 thru 6/30/2020

D									
Parameter	Start	End	Dunation	N / = 1					
	Otart	⊨na	Duration	Value	Min	Max	Limit	Peacon	A =4: = :=
					******	WIGA	Little	Reason	Action

Colmac Energy

NOx lb/hr 3-Hr Rolling Excess Emissions for 4/1/2020 thru 6/30/2020

D									
Parameter	Start	End	Duration	Malina					
	- Clart	⊨nd	Duration	Value	Min	Max	Limit	Reason	A atian
						111627	Little	11683011	Action

Colmac Energy NOx lbs/day Excess Emissions for 4/1/2020 thru 6/30/2020

Parameter	Start	End	Dimedian						
· aramoto	Jiai i	⊢nd	Duration	Value	Min	Max	Limit	Reason	A -4:
					144111	IVIGA	FILL LIFE	Neason	Action

Colmac Energy

SO2 ppm @3% O2 3-Hr Rolling Excess Emissions for 4/1/2020 thru 6/30/2020

_									
Daramatar	Ctort	L~4	Dunation	1/41	N 41	B. A		_	
Parameter	Start	End	Duration	Value	Min	Max	Limit	Reason	Action
				· alao		IIIUX	Liiiii	11003011	Action

Colmac Energy SO2 ppm @3% O2 30 SOD Rlg Avg Excess Emissions for 4/1/2020 thru 6/30/2020

Doromotor	044								
Parameter	Start	End	Duration	Value	Min	Max	Limit	Reason	Action
						max	Limit	rtcason	ACTION

Colmac Energy SO2 lb/mmbtu 30 SOD Rlg Avg Excess Emissions for 4/1/2020 thru 6/30/2020

_									
Parameter	Stort	F~4	D						
i arameter	Start	⊢nd	Duration	Value	Min	Max	l imit	Dagge	A - 4° -
			24.41011	Value	IVIIII	iviax	Limit	Reason	Action
									7.00.011

Colmac Energy SO2 lb/hr 3-Hr Rolling Excess Emissions for 4/1/2020 thru 6/30/2020

	-								
Parameter	Start	End	D						
	Otali	⊨nd	Duration	Value	Min	Max	Limit	Posson	A -11
						WIGA	Littill	Reason	Action

Colmac Energy

CO ppm @3% O2 3-Hr Rolling Excess Emissions for 4/1/2020 thru 6/30/2020

Parameter	Start	End	Duration	Value	B 41				
	Otali	Litu	Duration	Value	Min	Max	Limit	Reason	Action
								11000011	Action

Colmac Energy

CO lb/hr 3-Hr Rolling Excess Emissions for 4/1/2020 thru 6/30/2020

Daramatan	O1 1								
Parameter	Start	End	Duration	Value	Min	N.4	1		
			Daration	Value	Min	Max	Limit	Reason	Action
									7.00011

### EXCESS EMISSIONS REPORTS BOILER #2 CEMS

Colmac Energy
NOx ppm @3% O2 3-Hr Rolling Excess Emissions for 4/1/2020 thru 6/30/2020

Deservator.									
Parameter	Start	End	Duration	1/01	8.41				
	Olui,	LIIQ	Duration	Value	Min	Max	Limit	Reason	Action
								11000011	Action

Colmac Energy

NOx lb/mmbtu 30 SOD Rlg Avg Excess Emissions for 4/1/2020 thru 6/30/2020

D	_								
Parameter	Start	End	D						
	Otart	⊢nd	Duration	Value	Min	May	1 ::+	D	
				· alac	141111	Max	Limit	Reason	Action
									Action

Colmac Energy
NOx lb/hr 3-Hr Rolling Excess Emissions for 4/1/2020 thru 6/30/2020

	<b>.</b>					****			
Parameter	Start	End	Duration	Value	Min	Max	1::4	D	A 41
	Otalit		Duration	value	IVIIII	Max	Limit	Reason	Action

Colmac Energy NOx lbs/day Excess Emissions for 4/1/2020 thru 6/30/2020

Doromotor	04+-4		<b>5</b>						
Parameter	Start	End	Duration	Value	Min	Max	Limit	Reason	Action
								Ttodoon	Action

Colmac Energy SO2 ppm @3% O2 3-Hr Rolling Excess Emissions for 4/1/2020 thru 6/30/2020

Parameter	Start	End	Duration	Value	N 41	3.4	1 * **	_	
i didiliotoi	Otart	⊨nd	Duration	Value	Min	Max	Limit	Reason	Action
	· · · · · · · · · · · · · · · · · · ·							11000011	Action

Colmac Energy SO2 ppm @3% O2 30 SOD Rlg Avg Excess Emissions for 4/1/2020 thru 6/30/2020

Darameter	Chart								
Parameter	Start	⊨nd	Duration	Value	Min	Max	Limit	Reason	Action
							2	11000011	Action

Colmac Energy SO2 lb/mmbtu 30 SOD Rlg Avg Excess Emissions for 4/1/2020 thru 6/30/2020

_									
Parameter	Start	E nd	Demotion	17-1					
i didinotoi	Start	⊨nd	Duration	Value	Mın	Max	Limit	Reason	Action
						IVIUX	Little	i (Cason	Action

Colmac Energy SO2 lb/hr 3-Hr Rolling Excess Emissions for 4/1/2020 thru 6/30/2020

Parameter	C44								
Parameter	Start	⊨nd	Duration	Value	Min	May	1 ::4	D	
			Daration	value	Min	Max	Limit	Reason	Action
									7101011

Colmac Energy

CO ppm @3% O2 3-Hr Rolling Excess Emissions for 4/1/2020 thru 6/30/2020

Parameter	Stort	~	<b>-</b>						· · · · · · · · · · · · · · · · · · ·
i didilietei	Start	⊨nd	Duration	Value	MAin	A 4		_	
			Duration	value	Min	Max	Limit	Reason	Antina
						******		11003011	Action

Colmac Energy CO lb/hr 3-Hr Rolling Excess Emissions for 4/1/2020 thru 6/30/2020

_ :									
Parameter	Start		D						
i didilicici	Start	⊨nd	Duration	Value	Min	May	l imit	Daggar	A - 4" -
				Value	141111	Max	Limit	Reason	Action
									7 (50)

# EXCESS EMISSIONS REPORTS STACK CEMS

#### **Boilers Stack Excess Emissions**

Colmac Energy

Opacity % 3-Min Avg Excess Emissions for 4/1/2020 thru 6/30/2020

_									
Parameter	Ctort		<b>-</b> .:						
i arannetei	Start	End	Duration	Value	Min	May	Limit	Dagger	Α .:
			Daration	value	IVIIII	Max	Limit	Reason	Action
									, 1011011

#### **Boilers Stack Excess Emissions**

Colmac Energy
Opacity % 6-Min Avg Excess Emissions for 4/1/2020 thru 6/30/2020

	_								
Parameter	Start		D (:		A 4:				
i didilictoi	Start	⊨nd	Duration	Value	Min	Max	limit	D	A
				* alac	141111	IVIAA	Limit	Reason	Action
									7 (010)1

# EMISSIONS DOWNTIME REPORT BOILER #1 CEMS

Colmac Energy NOx ppm @3% O2 CEMS Downtime for 4/1/2020 thru 6/30/2020

Parameter	Start	End	Duration	Reason	Action
NOx ppm @3% O2	4/13/2020 6:00 AM	6:59 AM	1 hour	CEM out of service for	Maintenance complete, CEM in
NOx ppm @3% O2	4/15/2020 2:00 PM	2:59 PM	1 hour	maintenance. CEM out of service for maintenance.	service. Maintenance complete, CEM in
NOx ppm @3% O2 NOx ppm @3% O2 NOx ppm @3% O2 NOx ppm @3% O2	5/28/2020 8:00 PM 5/29/2020 12:00 AM 6/1/2020 11:00 AM 6/2/2020 4:00 AM	11:59 PM 4:59 AM 11:59 AM 4:59 AM	4 hours 5 hours 1 hour 1 hour	Down For Calibration Lost Communication CGA testing CEM out of service for maintenance.	service. Completed Calibration Restarted Communication CGA testing complete Maintenance complete, CEM in service.

Total duration

# Colmac Energy NOx lb/mmBtu CEMS Downtime for 4/1/2020 thru 6/30/2020

Parameter	Start	End	Duration	Reason	Action
NOx lb/mmBtu	4/13/2020 6:00 AM	6:59 AM	1 hour	CEM out of service for maintenance.	Maintenance complete, CEM in service.
NOx lb/mmBtu	4/15/2020 2:00 PM	2:59 PM	1 hour	CEM out of service for maintenance.	Maintenance complete, CEM in service.
NOx lb/mmBtu	5/28/2020 8:00 PM	11:59 PM	4 hours	Down For Calibration	Completed Calibration
NOx lb/mmBtu	5/29/2020 12:00 AM	4:59 AM	5 hours	Lost Communication	Restarted Communication
NOx lb/mmBtu	6/1/2020 11:00 AM	11:59 AM	1 hour	CGA testing	CGA testing complete
NOx lb/mmBtu	6/2/2020 4:00 AM	4:59 AM	1 hour	CEM out of service for maintenance.	Maintenance complete, CEM in service.

Total duration

#### Colmac Energy NOx lb/hr CEMS Downtime for 4/1/2020 thru 6/30/2020

Parameter	Start	End	Duration	Reason	Action
NOx lb/hr	4/13/2020 6:00 AM	6:59 AM	1 hour	CEM out of service for maintenance.	Maintenance complete, CEM in service.
NOx lb/hr	4/15/2020 2:00 PM	2:59 PM	1 hour	CEM out of service for maintenance.	Maintenance complete, CEM in service.
NOx lb/hr	5/28/2020 8:00 PM	11:59 PM	4 hours	Down For Calibration	Completed Calibration
NOx lb/hr	5/29/2020 12:00 AM	4:59 AM	5 hours	Lost Communication	Restarted Communication
NOx lb/hr	6/1/2020 11:00 AM	11:59 AM	1 hour	CGA testing	CGA testing complete
NOx lb/hr	6/2/2020 4:00 AM	4:59 AM	1 hour	CEM out of service for maintenance.	Maintenance complete, CEM in service.

Total duration

Colmac Energy SO2 ppm @3% O2 CEMS Downtime for 4/1/2020 thru 6/30/2020

Parameter Start End						
	Start	End	Duration	Reason	Action	
SO2 ppm @3% O2	4/13/2020 6:00 AM	6:59 AM	1 hour	CEM out of service for	Maintenance complete, CEM in	
SO2 ppm @3% O2	4/15/2020 2:00 PM	2:59 PM	1 hour	maintenance. CEM out of service for maintenance.	service. Maintenance complete, CEM in	
SO2 ppm @3% O2 SO2 ppm @3% O2 SO2 ppm @3% O2	5/28/2020 8:00 PM 5/29/2020 12:00 AM 6/1/2020 11:00 AM	11:59 PM 4:59 AM 11:59 AM	4 hours 5 hours 1 hour	Down For Calibration Lost Communication CGA testing	service. Completed Calibration Restarted Communication CGA testing complete	

Total duration

#### Colmac Energy SO2 lb/mmBtu CEMS Downtime for 4/1/2020 thru 6/30/2020

Parameter	Start	End	Duration	Reason	Action
SO2 lb/mmBtu	4/13/2020 6:00 AM	6:59 AM	1 hour	CEM out of service for maintenance.	Maintenance complete, CEM in
SO2 lb/mmBtu	4/15/2020 2:00 PM	2:59 PM	1 hour	CEM out of service for maintenance.	service.  Maintenance complete, CEM in service.
SO2 lb/mmBtu	5/28/2020 8:00 PM	11:59 PM	4 hours	Down For Calibration	Completed Calibration
SO2 lb/mmBtu	5/29/2020 12:00 AM	4:59 AM	5 hours	Lost Communication	Restarted Communication
SO2 lb/mmBtu	6/1/2020 11:00 AM	11:59 AM	1 hour	CGA testing	CGA testing complete

Total duration

Colmac Energy SO2 lb/hr CEMS Downtime for 4/1/2020 thru 6/30/2020

Parameter	Start	End	Duration	Reason	
SO2 lb/hr	4/12/2020 0:00 414	0.50	Daration	reason	Action
	4/13/2020 6:00 AM	6:59 AM	1 hour	CEM out of service for maintenance.	Maintenance complete, CEM in
SO2 lb/hr	4/15/2020 2:00 PM	2:59 PM	1 hour	CEM out of service for	service.
000 # #				maintenance.	Maintenance complete, CEM in service.
SO2 lb/hr	5/28/2020 8:00 PM	11:59 PM	4 hours	Down For Calibration	Completed Calibration
SO2 lb/hr	5/29/2020 12:00 AM	4:59 AM	5 hours	Lost Communication	
SO2 lb/hr	6/1/2020 11:00 AM	11:59 AM	<del>-</del>		Restarted Communication
	52320 11.00 AW	11.33 AIV	1 hour	CGA testing	CGA testing complete

#### Colmac Energy CO ppm @3% O2 CEMS Downtime for 4/1/2020 thru 6/30/2020

Parameter Start End					
rarameter	Start	End	Duration	Reason	Action
CO ppm @3% O2	4/13/2020 6:00 AM	6:59 AM	1 hour	CEM out of service for maintenance.	Maintenance complete, CEM in
CO ppm @3% O2	4/15/2020 2:00 PM	2:59 PM	1 hour	CEM out of service for maintenance.	service.  Maintenance complete, CEM in service.
CO ppm @3% O2	5/28/2020 8:00 PM	11:59 PM	4 hours	Down For Calibration	Completed Calibration
CO ppm @3% O2	5/29/2020 12:00 AM	4:59 AM	5 hours	Lost Communication	Restarted Communication
CO ppm @3% O2	6/1/2020 11:00 AM	11:59 AM	1 hour	CGA testing	CGA testing complete

Total duration

# Colmac Energy CO lb/hr CEMS Downtime for 4/1/2020 thru 6/30/2020

Parameter	Start	End	Duration	Reason	Action
CO lb/hr	4/13/2020 6:00 AM	6:59 AM	1 hour	CEM out of service for maintenance.	Maintenance complete, CEM in service.
CO lb/hr	4/15/2020 2:00 PM	2:59 PM	1 hour	CEM out of service for maintenance.	Maintenance complete, CEM in service.
CO lb/hr	5/28/2020 8:00 PM	11:59 PM	4 hours	Down For Calibration	Completed Calibration
CO lb/hr	5/29/2020 12:00 AM	4:59 AM	5 hours	Lost Communication	Restarted Communication
CO lb/hr	6/1/2020 11:00 AM	11:59 AM	1 hour	CGA testing	CGA testing complete
	Total duration		12 hours		

## EMISSIONS DOWNTIME REPORT BOILER #2 CEMS

Colmac Energy
NOx ppm @3% O2 CEMS Downtime for 4/1/2020 thru 6/30/2020

Parameter	Start	End	Duration	Reason	Action
NOx ppm @3% O2	4/14/2020 7:00 AM	7:59 AM	1 hour	CEM out of service for maintenance.	Maintenance complete, CEM in service.
NOx ppm @3% O2	4/26/2020 7:00 AM	7:59 AM	1 hour	Boiler Shutdown	Shutdown complete
NOx ppm @3% O2	5/28/2020 8:00 PM	11:59 PM	4 hours	Down For Calibration	Completed Calibration
NOx ppm @3% O2	5/29/2020 12:00 AM	4:59 AM	5 hours	Lost Communication	Restarted Communication
NOx ppm @3% O2	6/1/2020 11:00 AM	11:59 AM	1 hour	CGA testing	CGA testing complete

Total duration

# Colmac Energy NOx lb/mmBtu CEMS Downtime for 4/1/2020 thru 6/30/2020

Parameter	Start	End	Duration	Reason	Action
NOx lb/mmBtu	4/14/2020 7:00 AM	7:59 AM	1 hour	CEM out of service for maintenance.	Maintenance complete, CEM in service.
NOx lb/mmBtu	4/26/2020 7:00 AM	7:59 AM	1 hour	Boiler Shutdown	Shutdown complete
NOx lb/mmBtu	5/28/2020 8:00 PM	11:59 PM	4 hours	Down For Calibration	Completed Calibration
NOx lb/mmBtu	5/29/2020 12:00 AM	4:59 AM	5 hours	Lost Communication	Restarted Communication
NOx lb/mmBtu	6/1/2020 11:00 AM	11:59 AM	1 hour	CGA testing	CGA testing complete

Total duration

## Colmac Energy NOx lb/hr CEMS Downtime for 4/1/2020 thru 6/30/2020

Parameter	Start	End	Duration	Reason	Action
NOx lb/hr	4/14/2020 7:00 AM	7:59 AM	1 hour	CEM out of service for maintenance.	Maintenance complete, CEM in service.
NOx lb/hr	4/26/2020 7:00 AM	7:59 AM	1 hour	Boiler Shutdown	Shutdown complete
NOx lb/hr	5/28/2020 8:00 PM	11:59 PM	4 hours	Down For Calibration	Completed Calibration
NOx lb/hr	5/29/2020 12:00 AM	4:59 AM	5 hours	Lost Communication	Restarted Communication
NOx lb/hr	6/1/2020 11:00 AM	11:59 AM	1 hour	CGA testing	CGA testing complete

Total duration

Colmac Energy SO2 ppm @3% O2 CEMS Downtime for 4/1/2020 thru 6/30/2020

Parameter	Start	End	Duration	Reason	Action
SO2 ppm @3% O2	4/14/2020 7:00 AM	7:59 AM	1 hour	CEM out of service for maintenance.	Maintenance complete, CEM in service.
SO2 ppm @3% O2	4/26/2020 7:00 AM	7:59 AM	1 hour	Boiler Shutdown	Shutdown complete
SO2 ppm @3% O2	5/28/2020 8:00 PM	11:59 PM	4 hours	Down For Calibration	Completed Calibration
SO2 ppm @3% O2	5/29/2020 12:00 AM	4:59 AM	5 hours	Lost Communication	Restarted Communication
SO2 ppm @3% O2	6/1/2020 11:00 AM	11:59 AM	1 hour	CGA testing	CGA testing complete
Te	otal duration		12 hours		

#### Colmac Energy SO2 lb/mmBtu CEMS Downtime for 4/1/2020 thru 6/30/2020

Parameter	Start	End	Duration	Reason	Action
SO2 lb/mmBtu	4/14/2020 7:00 AM	7:59 AM	1 hour	CEM out of service for maintenance.	Maintenance complete, CEM in service.
SO2 lb/mmBtu	4/26/2020 7:00 AM	7:59 AM	1 hour	Boiler Shutdown	Shutdown complete
SO2 lb/mmBtu	5/28/2020 8:00 PM	11:59 PM	4 hours	Down For Calibration	Completed Calibration
SO2 lb/mmBtu	5/29/2020 12:00 AM	4:59 AM	5 hours	Lost Communication	Restarted Communication
SO2 lb/mmBtu	6/1/2020 11:00 AM	11:59 AM	1 hour	CGA testing	CGA testing complete

Total duration

#### Colmac Energy SO2 lb/hr CEMS Downtime for 4/1/2020 thru 6/30/2020

Parameter	Start	End	Duration	Reason	Action
SO2 lb/hr	4/14/2020 7:00 AM	7:59 AM	1 hour	CEM out of service for maintenance.	Maintenance complete, CEM in service.
SO2 lb/hr	4/26/2020 7:00 AM	7:59 AM	1 hour	Boiler Shutdown	Shutdown complete
SO2 lb/hr	5/28/2020 8:00 PM	11:59 PM	4 hours	Down For Calibration	Completed Calibration
SO2 lb/hr	5/29/2020 12:00 AM	4:59 AM	5 hours	Lost Communication	Restarted Communication
SO2 lb/hr	6/1/2020 11:00 AM	11:59 AM	1 hour	CGA testing	CGA testing complete

Total duration

# Colmac Energy CO ppm @3% O2 CEMS Downtime for 4/1/2020 thru 6/30/2020

Parameter	Start	End	Duration	Reason	Action
CO ppm @3% O2	4/14/2020 7:00 AM	7:59 AM	1 hour	CEM out of service for maintenance.	Maintenance complete, CEM in service.
CO ppm @3% O2	4/26/2020 7:00 AM	7:59 AM	1 hour	Boiler Shutdown	Shutdown complete
CO ppm @3% O2	5/28/2020 8:00 PM	11:59 PM	4 hours	Down For Calibration	Completed Calibration
CO ppm @3% O2	5/29/2020 12:00 AM	4:59 AM	5 hours	Lost Communication	Restarted Communication
CO ppm @3% O2	6/1/2020 11:00 AM	11:59 AM	1 hour	CGA testing	CGA testing complete

Total duration

## Colmac Energy CO lb/hr CEMS Downtime for 4/1/2020 thru 6/30/2020

Parameter	Start	End	Duration	Reason	Action
CO lb/hr	4/14/2020 7:00 AM	7:59 AM	1 hour	CEM out of service for maintenance.	Maintenance complete, CEM in service.
CO lb/hr	4/26/2020 7:00 AM	7:59 AM	1 hour	Boiler Shutdown	Shutdown complete
CO lb/hr	5/28/2020 8:00 PM	11:59 PM	4 hours	Down For Calibration	Completed Calibration
CO lb/hr	5/29/2020 12:00 AM	4:59 AM	5 hours	Lost Communication	Restarted Communication
CO lb/hr	6/1/2020 11:00 AM	11:59 AM	1 hour	CGA testing	CGA testing complete

Total duration

## EMISSIONS DOWNTIME REPORT STACK CEMS

#### **Boilers Stack CEMS Downtime**

Colmac Energy
Opacity % 6-Min Avg CEMS Downtime for 4/1/2020 thru 6/30/2020

Parameter	Start	End	Duration	Reason	Action
Opacity % 6-Min Avg	4/17/2020 3:30 PM	3:47 PM	18 minutes	Lost Communication	Communication back
Opacity % 6-Min Avg	5/28/2020 8:12 AM	9:11 AM	1 hour	Calibration	Completed Calibration
Opacity % 6-Min Avg	5/28/2020 9:54 AM	10:11 AM	18 minutes	Calibration	Completed Calibration
Opacity % 6-Min Avg	5/28/2020 10:18 AM	10:29 AM	12 minutes	Calibration	Completed Calibration
Opacity % 6-Min Avg	5/28/2020 10:30 AM	11:11 AM	42 minutes	Down For Calibration	Completed Calibration
Opacity % 6-Min Avg	5/28/2020 8:12 PM	11:59 PM	3 hours, 48 minutes	Down For Calibration	Completed Calibration
Opacity % 6-Min Avg	5/29/2020 12:06 AM	12:59 AM	54 minutes	Lost Communication	Restarted Communication
Opacity % 6-Min Avg	5/29/2020 1:06 AM	1:59 AM	54 minutes	Lost Communication	Restarted Communication
Opacity % 6-Min Avg	5/29/2020 2:06 AM	2:59 AM	54 minutes	Lost Communication	Restarted Communication
Opacity % 6-Min Avg	5/29/2020 3:06 AM	3:59 AM	54 minutes	Lost Communication	Restarted Communication
Opacity % 6-Min Avg	5/29/2020 4:06 AM	4:59 AM	54 minutes	Lost Communication	Restarted Communication
Opacity % 6-Min Avg	6/10/2020 5:24 AM	6:59 AM	1 hour, 36 minutes	calibrating opacity monitor	Cal complete
Opacity % 6-Min Avg	6/30/2020 5:24 AM	8:05 AM	2 hours, 42 minutes	Opacity maintenance/calibration	Maintenance/calibration completed

Total duration

15 hours, 6 minutes